

# PATENT ABSTRACTS OF JAPAN

no family

(11)Publication number : 2002-141849

(43)Date of publication of application : 17.05.2002

(51)Int.Cl.

H04B 7/185

B64D 47/02

H01Q 3/26

H01Q 21/24

(21)Application number : 2000-334848

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 01.11.2000

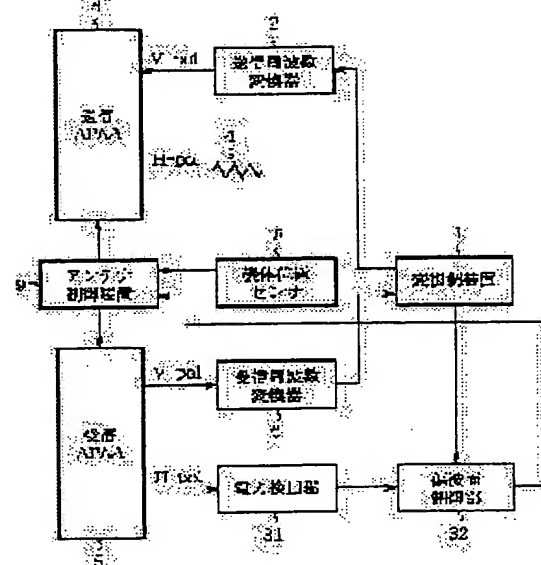
(72)Inventor : FUJI TAKESHI

## (54) SATELLITE COMMUNICATION EQUIPMENT AND METHOD FOR MOVING OBJECT

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To solve the problem that a received signal is deteriorated by leaking a backward polarized wave into a modulated signal (forward polarized wave) outputted from a receiving APAA 5 to a receiving frequency converter 6 since the polarization plane of a cross polarized wave is deviated even after an antenna beam is directed toward a satellite when equipment is loaded on a moving object such as airplane or helicopter to three-dimensionally move.

**SOLUTION:** The polarization plane is controlled while considering the power of the backward polarized wave contained in a radio frequency signal received by the receiving APAA 5 and the power of the forward polarized wave outputted from a MODEM 1.



## LEGAL STATUS

[Date of request for examination]

16.01.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3576478

[Date of registration]

16.07.2004

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]